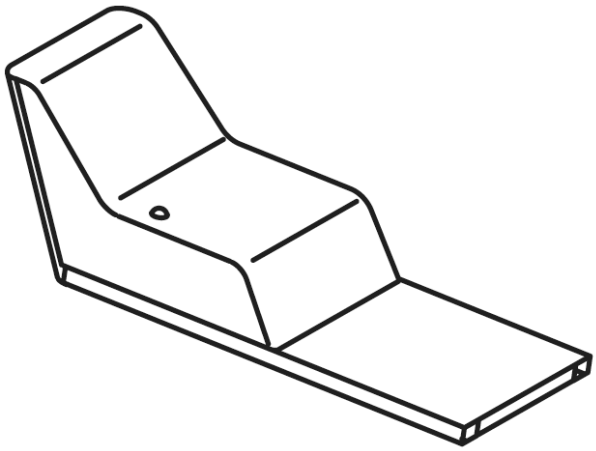
Operating instructions

CF adapters
ES6765, ES7765



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1 Introduction

About these instructions

These instructions contain important notes and information on operation of the CF Adapters ES6765 and ES7765.

- Read through the instructions carefully and attentively.
- Keep the instructions in a safe place and pass them on to each subsequent user of the CF adapters.

Explanation of the Symbols and Signal Words Used

⚠ WARNING	Indicates risks which could result in fatal or severe personal injuries.
⚠ CAUTION	Indicates risks which could result in fatal or severe personal injuries.
CAUTION	Indicates risks which could result in damage to property.
Note	Denotes information, notes and tips on optimum use of the instructions and the product.

Target group

These instructions are directed at competent personnel entrusted with the servicing, maintenance and disposal of trouble-free operation of electronic lock systems and who has successfully completed suitable vocational training for these activities or has had the necessary appropriate experience.

OPERTIS Support

If you have any questions extending beyond the information provided in these instructions, please contact

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Up-to-date status of the information

All details on the product, images, dimensions and models correspond to the status at the time the product is delivered. We reserve the right to make changes due to technical progress and the resulting continuous improvement process to which our products are subjected.

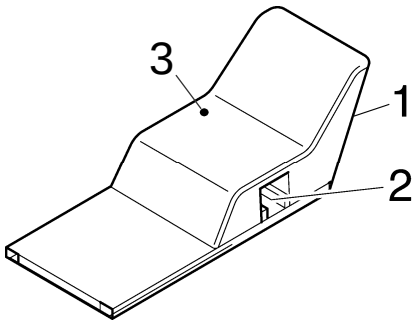
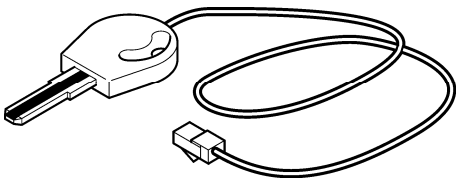
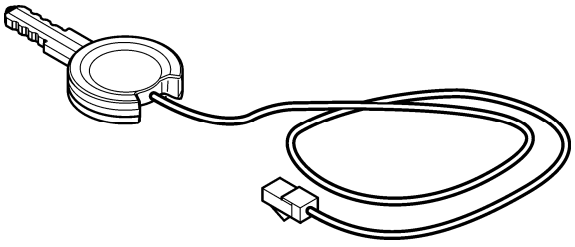
The current version of these instructions and further information is also available on our internet site www.opertis.de.

Dated 07/2013

2 Product Description

Overview

The following products are described in these instructions:

Art. No. / Name	Drawing
ES6765 CF adapter	
ES7765 CF adapter	
ES6795 Interface cable handheld (PDA)/lock cylinder (for ES5000 lock system)	
ES7795 Interface cable handheld (PDA)/lock cylinder (for ES5000 plus or eLOCK lock system)	

1	Air interface, end face of the CF adapter
2	Socket for connection of the interface cable
3	Status LED

Functional principle

The OPERTIS eLOCK lock system ensures continuous public and commercial building fitout. Special fitting solutions are available for different door types.

The CF adapter (CF→Compact Flash) can be used to establish the link between the eLock Center software and the electronic fittings using a handheld (PDA). The CF adapter communicates via an air interface directly with a fitting or via an interface cable with an electronic lock cylinder. These links can be used to configure fittings and read out lock logs. The CF adapters are supplied with power through the CF2 interface of the handheld (PDA).

3 Intended Use

Area of use

The CF adapter is used for communication between the eLOCK Center and the eLOCK fittings. It is used in conjunction with a standard handheld (PDA) with Windows Mobile 5 or 6 operating system and CF2 interface.

Condition of the product

The CF adapter may only be used if it is in a technically perfect condition.

Independent modifications and changes to the product are not allowed.

Ambient conditions

Use in a particularly polluted environment, e.g. in aggressive gases, high humidity, in extreme temperatures or in a very dusty environment, is not allowed. If you have any questions, please contact OPERTIS Support.

Residual risk

If used properly and if the maintenance instructions are followed, this product will support your property security.

However, the following residual risks cannot be excluded:

- If the rechargeable battery of the handheld (PDA) is flat the fittings can no longer be programmed using the CF adapter.

4 Safety Instructions

The following safety instructions must be read and followed before use! OPERTIS does not accept any liability whatsoever for personal losses or injuries or damage to property caused by failure to note and follow these instructions!

CAUTION

Risk of locking in or out

When programming the fittings the time of the handheld (PDA) is transferred to the fittings. Therefore, incorrect times can also be transferred and result in people being locked in or out.

Check the time of the handheld (PDA) to ensure it is correct.

CAUTION

Unauthorised access

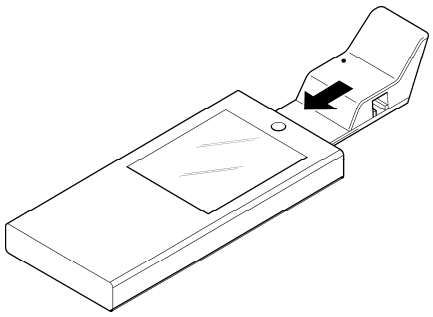
The CF adapter, handheld (PDA) with PIN and MASTER IT can also be used by unauthorised persons to gain access. Store the CF adapter and MASTER IT in a safe place accessible to authorised personnel only. Always store the PIN for the handheld (PDA) in a separate place.

5 Use and Operation

Initial start-up

When starting up for the first time the eLOCK Mobile software must be loaded onto the handheld (PDA).

Proceed as follows:

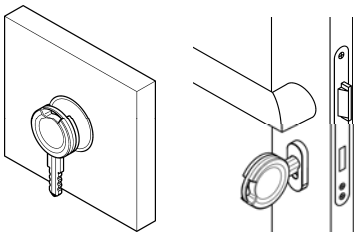
Step	Activity	Figure
1	Plug the CF adapter into the CF2 slot of the handheld (PDA).	
2	Switch on the handheld (PDA) and connect to the PC for the data transfer.	
3	Start the eLOCK Center software and transfer the eLOCK Mobile software to the handheld (PDA). For details of setting up the software, see eLOCK system documentation software.	

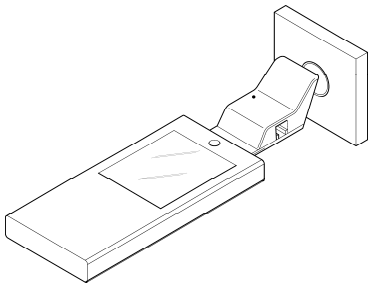
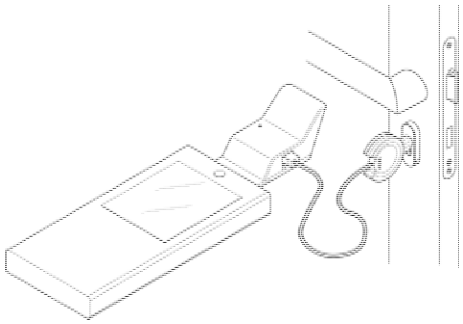
Programming the fittings

Note

Detailed information on programming the fittings is given in the eLOCK system documentation software.

Proceed as follows:

Step	Activity	Figure
1	Create jobs for programming the fittings in eLOCK Center and transfer to the handheld (PDA); see eLOCK system documentation software.	
2	Start the programming process in eLOCK Mobile. The operation status is displayed in eLOCK Mobile. For detailed information see eLOCK system documentation software.	
3	Before proceeding the next step, the green status LED must light on the cf adapter.	
4	Place fitting in programming mode by holding the MASTER IT in front of it or inserting the MASTER IT into it.	

Step	Activity	Figure
5	Hold the CF adapter in front of the fitting (Figure 1) or plug the connected interface cable into the electronic lock cylinder (Figure 2).	Figure 1  Figure 2 
6	The programming of the fitting launches. The green status LED of the CF adapter lights up / flashes during the programming process. The operation status is displayed in eLOCK Mobile. For detailed information see eLOCK system documentation software.	

Visual signals

The CF adapter emits visual signal for specific system states:

Visual signal	Meaning
LED constantly lit green.	The CF adapter has received a data package from the PDA for transfer to a fitting and is ready to transmit. If it is within the near field of the fitting, and if the fitting is in programming mode, the CF adapter starts the data transfer to the fitting.
LED flashes green.	A programming job sent to a fitting always consists of several data packets, which the CF adapter receives from the PDA one after the other and sends to the fitting. Each individual flash stands for a transferred data package.

6 Servicing, Cleaning and Maintenance

The servicing, cleaning and maintenance may be carried out by qualified personnel only.

Warranty cover is excluded for damage caused by improper handling.

Servicing

The CF adapter does not require servicing.

Cleaning and maintenance

CAUTION

Damage to property due to incorrect cleaning

Incorrect cleaning can cause the surfaces to be attacked and damaged:

- Do not use any alkali or acidic cleaning agents or cleaning agents containing chlorine.
- Do not use cleaning agents with scouring additives.
- Do not use scouring instruments, e.g. brushes.

Proceed as follows:

Step	Activity	Figure
1	Wipe surfaces with a damp cloth.	

7 Problems and Solutions

Problem	Possible cause	Solution
The fitting cannot be programmed, the status LED of the CF adapter is not light up and is not flashing	The CF adapter is not correctly inserted in the CF2 slot of the handheld (PDA).	Insert the CF adapter correctly.
	Interface cable (at lock cylinder) is not correctly plugged in.	Correctly plug in interface cable.
	Possible failure of the eLOCK Mobile or the Windows Mobile 5 or 6 software.	Restart eLOCK Mobile software.
		Restart handheld (PDA).
The fitting cannot be programmed, the status LED of the CF adapter is lit but is not flashing.	The fitting is not in programming mode.	Place the fitting in programming mode with the MASTER and repeat the programming.
	The CF adapter is not within the near field of the fitting.	Vary the distance between the CF adapter and the fitting so that the CF adapter starts the transfer (status LED flashes).

If further problems occur while using the CF adapter or error messages are displayed in the eLOCK Mobile software, please refer to the troubleshooting in the eLOCK system documentation software or contact OPERTIS Support directly.

8 Product Specifications

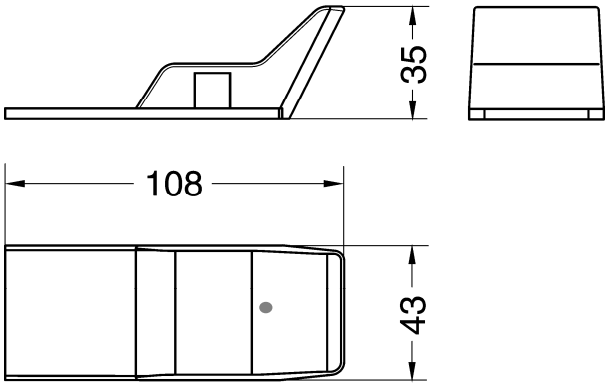
Declaration of conformity

OPERTIS GmbH herewith declares that the CF adapter fulfils the basic standards and other relevant specifications of the 1999/5/EG and 2011/65/EU directives and that they are CE compliant.

A copy of the statement of conformity can be ordered from the OPERTIS Support.

Dimensions

All dimensions are given in mm.



Technical data

Housing

Colour	black
Material	ABS plastic

Specific data

Power supply	Via the CF2 slot of the handheld (PDA), CF adapter does not contain any rechargeable batteries or other batteries.
Operating temperature	0 °C to +55 °C
Storage temperature	0 °C to +70 °C
Air humidity for operation and storage	max. 95 % non-condensing
Degree of protection according to EN 60529	IP20

9 Disposal

Product

Disposal in accordance with WEEE Directive 2012/19/EU:

- Do not dispose of product by throwing it in the local household waste.
- Return product to OPERTIS or dispose of at a municipal collection point for hazardous electrical wastes.

Product packaging

Dispose of the product packaging in the local household and paper waste disposal system.

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